

ABSTRACT OF THE DISCLOSURE

A device for slowing down and disintegrating a plug of liquid plunging forward in a duct includes a container having a bottom and an opposite inlet, which is connectable to the duct and through which the plug of liquid can be directed into a central, axial trajectory in the container. Inside the container is an inner tube, open towards the bottom, which separates an inner hollow space from an outer, cross-section-wise ring-shaped hollow space, a distributor body being arranged in the trajectory of the entering plug of liquid for splitting and disintegrating the plug of liquid as well as throwing out the disintegrated constituent parts of liquid in the direction outwards from the center. The bottom includes a concavely curved guide surface for diverting the liquid from one of the hollow spaces to the other to reverse the direction of motion of the liquid. A corresponding method is also provided.